

AMENDMENTS TO THE CLAIMS

1-19. (Canceled)

20. (Currently Amended) A method for creating seamless presentation information of picture data in a recording medium, the method comprising:

recording picture data on the recording medium by grouping the picture data into objects;
determining if the recorded picture data is a still picture or a moving picture;
~~and~~determining if a current object of the picture data is to be presented seamlessly or non-
seamlessly with a previous object of the picture data; and

creating the seamless presentation information for ~~each~~a corresponding object only when the determining step determines the ~~recorded picture data is the moving picture~~current object of the picture data is to be presented seamlessly with the previous object and not creating the seamless presentation for the current object when the determining step determines the current object of the picture data is not to be presented seamlessly with the previous object such that the seamless presentation information includes a different structure based on whether or not the current object is to be presented seamlessly or non-seamlessly with the previous object.

21-22. (Canceled).

23. (Previously Presented) The method according to claim 20, wherein the seamless presentation information is included in navigation information pertaining to each object.

24. (Currently Amended) The method according to claim 23, wherein the navigation information includes a seamless presentation flag indicating whether ~~a~~ corresponding the current object is to be presented seamlessly with ~~a~~ the previous object.

25. (Previously Presented) The method according to claim 20, wherein the seamless presentation information includes at least one field corresponding to a system clock reference.

26. (Previously Presented) The method according to claim 25, wherein the at least one field corresponding to the system clock reference comprises a last system clock reference field of a former of two successive objects and a first system clock reference of a latter of the two successive objects.

27. (Currently Amended) A recording apparatus for creating seamless presentation information of picture data in a recording medium, the apparatus comprising:

a recording unit configured to record picture data on the recording medium by grouping the picture data into objects; and

a control unit configured to ~~determine if the recorded picture data is a still picture or a moving picture, and to control the recording unit to create the seamless presentation information for each object only when the recorded picture data is the moving-~~ determine if a current object of the picture data is to be presented seamlessly or non-seamlessly with a previous object of the picture data, and to create the seamless presentation information for the current object only when the determining step determines the current object of the picture data is to be presented

seamlessly with the previous object and not to create the seamless presentation for the current object when the control unit determines the current object of the picture data is not to be presented seamlessly with the previous object such that the seamless presentation information includes a different structure based on whether or not the current object is to be presented seamlessly or non-seamlessly with the previous object.

28. (Previously Presented) The apparatus according to claim 27, wherein the seamless presentation information is included in navigation information pertaining to each object.

29. (Currently Amended) The apparatus according to claim 28, wherein the navigation information includes a seamless presentation flag indicating whether ~~a~~ a corresponding the current object is to be presented seamlessly with ~~a~~ the previous object.

30. (Previously Presented) The apparatus according to claim 28, wherein the seamless presentation information includes at least one field corresponding to a system clock reference.

31. (Previously Presented) The apparatus according to claim 30, wherein the at least one field corresponding to the system clock reference comprises a last system clock reference field of a former of two successive objects and a first system clock reference of a latter of the two successive objects.

32. (Currently Amended) A reproducing apparatus for reading seamless presentation

information of picture data in a recording medium, the apparatus comprising:

a reproducing unit configured to read picture data on the recording medium that is grouped into objects; and

a control unit configured to ~~determine if the read picture data is a still picture or a moving picture, and to control the reproducing unit to read the seamless presentation information for each object only when the recorded picture data is the moving picture~~ determine if a current object of the picture data is to be reproduced seamlessly or non-seamlessly with a previous object of the picture data, and to reproduce the seamless presentation information for the current object only when the control unit determines the current object of the picture data is to be reproduced seamlessly with the previous object and not to reproduce the seamless presentation for the current object when the control unit determines the current object of the picture data is not to be reproduced seamlessly with the previous object,

wherein the seamless presentation information includes a different structure based on whether or not the current object is to be reproduced seamlessly or non-seamlessly with the previous object.

33. (Previously Presented) The apparatus according to claim 32, wherein the seamless presentation information is included in navigation information pertaining to each object.

34. (Currently Amended) The apparatus according to claim 33, wherein the navigation information includes a seamless presentation flag indicating whether ~~a corresponding the current~~ object is to be presented-reproduced seamlessly with ~~a-the~~ the previous object.

35. (Previously Presented) The apparatus according to claim 33, wherein the seamless presentation information includes at least one field corresponding to a system clock reference.

36. (Previously Presented) The apparatus according to claim 35, wherein the at least one field corresponding to the system clock reference comprises a last system clock reference field of a former of two successive objects and a first system clock reference of a latter of the two successive objects.

37. (Currently Amended) A recording medium including seamless presentation information of picture data that is recorded by a recording unit and reproduced by a reproducing unit, the recording medium comprising:

picture data that is grouped into objects; and

seamless presentation information for ~~each object only when the recorded picture data is a moving picture such that the recording medium only includes the seamless presentation information for each object when the recorded picture data is the moving picture so as to save available recording space on the recording medium~~ a corresponding object of the picture data only if the corresponding object is to be presented seamlessly with a previous object of the picture data, and no seamless presentation for the corresponding object when the corresponding object of the picture data is to not be presented seamlessly with the previous object such that the seamless presentation information includes a different structure based on whether or not the corresponding object is to be presented seamlessly or non-seamlessly with the previous object.

38. (Previously Presented) The recording medium according to claim 37, wherein the seamless presentation information is included in navigation information pertaining to each object.

39. (Currently Amended) The recording medium according to claim 38, wherein the navigation information includes a seamless presentation flag indicating whether a ~~corresponding~~the corresponding object is to be presented seamlessly with a ~~previous~~the previous object.

40. (Previously Presented) The recording medium according to claim 38, wherein the seamless presentation information includes at least one field corresponding to a system clock reference.

41. (Previously Presented) The recording medium according to claim 40, wherein the at least one field corresponding to the system clock reference comprises a last system clock reference field of a former of two successive objects and a first system clock reference of a latter of the two successive objects.

42. (New) A method for reproducing seamless presentation information of picture data in a recording medium, the method comprising:

reading picture data on the recording medium that is grouped into objects; and

determining if a current object of the picture data is to be reproduced seamlessly or non-

seamlessly with a previous object of the picture data; and

reproducing the seamless presentation information for the current object only when the determining step determines the current object of the picture data is to be reproduce seamlessly with the previous object and not reproducing the seamless presentation for the current object when the determining step determines the current object of the picture data is not to be reproduced seamlessly with the previous object,

wherein the seamless presentation information includes a different structure based on whether or not the current object is to be reproduced seamlessly or non-seamlessly with the previous object.

43. (New) The method according to claim 42, wherein the seamless presentation information is included in navigation information pertaining to each object.

44. (New) The method according to claim 43, wherein the navigation information includes a seamless presentation flag indicating whether the current object is to be reproduced seamlessly with the previous object.

45. (New) The method according to claim 43, wherein the seamless presentation information includes at least one field corresponding to a system clock reference.

46. (New) The method according to claim 45, wherein the at least one field corresponding to the system clock reference comprises a last system clock reference field of a

former of two successive objects and a first system clock reference of a latter of the two successive objects.